

Draft 4/13/12								
CAFO NMP Process								
Suppliers	→	Input	→	Process	↓	→	Output	→
CAFO Owner		Narrative		Receive NMP +DB			NR 243 compliant NMP	
CCA		General Description	EPA, 243, 590	Completeness Review (checklist) +DB				
Engineer for P&S		Summary of Animals by Facility	EPA, 243, 590	Initial Review for NR 243 Compliance (see inputs) +DB; May Need to Review Other Docs (AR, Daily Haul Log, 180 storage calcs/determinations, etc.)				
Custom Haulers		Summary of Waste Production by Facility	EPA, 243, 590	Submit Review Findings to CCA/Farm +DB				
County LWC Dept		Feed Storage	EPA, 243	Receive CCA Response +DB				
Other consultants - digestors, researchers		Bunker Leachate and Runoff	EPA, 243	Review Revised NMP +DB				
NRCS		Manure Sources	EPA, 243, 590					
		Manure Testing	EPA, 243, 590	Repeat Process as Needed +DB				
		Manure and Nutrient Production	EPA, 243, 590	Preliminary Approve NMP (assumes no further corrections necessary) +DB				
		Manure Storage	EPA, 243, 590	Public Notice NMP				
		Headland Stacking	EPA, 243, 590	Make additional changes to NMP based upon comments rcvd				
		Manure Application Methods and Equipment	EPA, 243, 590	Approve NMP				
		Spreading Sites	EPA, 243, 590	File Approved NMP at Region Office				
		Phosphorus Strategy	EPA, 243, 590					

Suppliers	→	Input	→	Process ↓	→	Output	→
		Nutrient Recommendations	EPA, 243, 590				
		General NR 243 NMP Requirements	EPA, 243				
		Winter Spreading	EPA, 243, 590				
		Emergency Land Application -Liquid Manure	EPA, 243				
		Field and Map Verification Procedures	EPA, 243				
		Land Ownership and Lease/Rent Agreements	EPA, 243, 590				
		NRCS 590 Checklist	EPA, 243, 590				
		NR 243 Checklist	EPA, 243				
		Maps					
		Spreading Restrictions-Summer & Winter	EPA, 243, 590				
		Farm Location and Facility	EPA, 243				
		Drain tile areas	EPA, 243				
		Headland Stacking	EPA, 243, 590				
		Shallow gw and bedrock areas	EPA, 243, 590**				
		Soil Survey	EPA, 243, 590				
		USGS Topo	EPA, 243				
		Land ownership map	EPA, 243				

		County tax parcel GIS maps - if available					
		SNAP+ / Other Accepted Reports					
		Manure Production Estimator	EPA, 243, 590				
Suppliers	→	Input	→	Process ↓	→	Output	→
		Soil Test Summary	EPA, 243, 590				
		590 Cons Plan Assessment	EPA, 243, 590				
		Spreading Plan	EPA, 243, 590				
		Nutrient Appl. Compliance Report	EPA, 243, 590				
		CAFO annual rpt?	EPA, 243, 590				
		Records and Recordkeeping	For initial permit and reissuance and annual report				
		Manure Tests	EPA, 243				
		Soil Tests	EPA, 243				
		Field Characteristics	optional?				
		Shallow GW and Bedrock	gw -seasonal, bedrock - once				
		Field and Map Verification	EPA, 243				
		Daily Spreading Log - weather and soil moisture	EPA, 243, 590				
		Annual Spreading Report	EPA, 243, 590				
		Manure Spreader Calibration	EPA, 243, 590				

		Drain Tile Inspection Log + Response	EPA, 243				
		Headland Stacking Sites	EPA, 243, 590				
		Planned Yields	EPA, 243, 590				
		Other Reports and Analysis					
		180 Day Liquid Storage	EPA, 243				
		Waste Storage Facility Report	EPA, 243				
Suppliers	→	Input	→	Process ↓	→	Output	→
		Other Nutrient Sources Applied - WW	EPA, 243, 590				
		Spray Irrigation	EPA, 243, 590				
		Tillage, Crop Rotation and Soil Disturbance	EPA, 243, 590				
		Conservation Plans	optional				
		Ag Research findings	optional				
		Cover Crops	EPA, 243, 590				
		Drain Tile info+main+BMPs	EPA, 243				
** Definition of bedrock varies							

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